UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

20995

7590

08/04/2009

KNOBBE MARTENS OLSON & BEAR LLP 2040 MAIN STREET FOURTEENTH FLOOR IRVINE, CA 92614 EXAMINER

HRUSKOCI, PETER A

ART UNIT PAPER NUMBER

1797

DATE MAILED: 08/04/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/533,679	04/02/2007	Eric D. Cordemans De Meulenaer	ASHL.001A	6135

TITLE OF INVENTION: PROCESS FOR TREATING A LIQUID MEDIUM USING ULTRASOUND

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	11/04/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

appropriate. All further indicated unless correct maintenance fee notifica	correspondence includir ed below or directed oth	ng the Patent, advance on erwise in Block 1, by (orders and notification of rand specifying a new corresponding a new corresponding to the cor	naintenance fees vepondence address	will be ; and/o	mailed to the current r (b) indicating a sepa	correspondence address as rate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)			Fee	s) Transmittal, Th	is certii	ficate cannot be used f	r domestic mailings of the or any other accompanying nt or formal drawing, must	
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2040 MAIN STI FOURTEENTH	FLOOR	I he Stat addi tran	reby certify that the es Postal Service v	nis Fee(s) Transmittal is being	deposited with the United t class mail in an envelope above, or being facsimile ate indicated below.		
IRVINE, CA 92	614						(Depositor's name)	
							(Signature)	
							(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTC	RNEY DOCKET NO.	CONFIRMATION NO.	
10/533,679	04/02/2007	Eri	c D. Cordemans De Meule	naer		ASHL.001A	6135	
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nonprovisional	NO	\$1510	\$300	\$0		\$1810	11/04/2009	
EXAM		ART UNIT	CLASS-SUBCLASS					
HRUSKOC	•	1797	210-748000					
1. Change of correspond CFR 1.363).		,	2. For printing on the p			nevs 1		
Change of corresp Address form PTO/SI	ondence address (or Cha B/122) attached.	nge of Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,					
☐ "Fee Address" ind	ication (or "Fee Address") 2 or more recent) attach	(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.						
3. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO BE PRINTED ON	THE PATENT (print or type	pe)				
PLEASE NOTE: Uni recordation as set fort	less an assignee is ident h in 37 CFR 3.11. Comp	ified below, no assignee pletion of this form is NC	data will appear on the p T a substitute for filing an	atent. If an assign assignment.	nee is io	dentified below, the de	ocument has been filed for	
(A) NAME OF ASSI	GNEE		(B) RESIDENCE: (CITY	and STATE OR C	COUNT	TRY)		
Please check the appropr	iate assignee category or	categories (will not be p	rinted on the patent): \Box	Individual 🖵 C	orporat	ion or other private gro	oup entity Government	
4a. The following fee(s)	are submitted:	4	b. Payment of Fee(s): (Plea	se first reapply a	ny prev	viously paid issue fee	shown above)	
Issue Fee	No small entity discount p	pormitted)	A check is enclosed. Payment by credit car	d Form PTO 2029	2 ic attr	achad		
*	# of Copies		The Director is hereby overpayment, to Depo	authorized to char	rge the	required fee(s), any de	ficiency, or credit any	
			overpayment, to Depo	sit Account Numb	er	(enclose a	n extra copy of this form).	
5. Change in Entity Sta a. Applicant claim	tus (from status indicated is SMALL ENTITY statu	· · · · · · · · · · · · · · · · · · ·	☐ b. Applicant is no lon	ger claiming SMA	LL EN	TITY status. See 37 CI	FR 1.27(g)(2).	
NOTE: The Issue Fee an	d Publication Fee (if requ	uired) will not be accepte	ed from anyone other than t				e assignee or other party in	
interest as shown by the	records of the United Sta	ites Patent and Trademari	COmce.					
Authorized Signature				Date				
Typed or printed nam	e			Registration N	No			
This collection of informan application. Confiden submitting the complete this form and/or suggest. Box 1450, Alexandria, V. Alexandria, Virginia 223	tiality is governed by 35 d application form to the ions for reducing this but riginia 22313-1450. DO	CFR 1.311. The informati U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the O NOT SEND FEES OR	on is required to obtain or r 1.14. This collection is est depending upon the indivite Chief Information Office COMPLETED FORMS TO	etain a benefit by t imated to take 12 idual case. Any co er, U.S. Patent and D THIS ADDRESS	the pub minutes ommen Trader S. SEN	lic which is to file (and s to complete, includin ts on the amount of tir nark Office, U.S. Depa D TO: Commissioner	by the USPTO to process) g gathering, preparing, and ne you require to complete utment of Commerce, P.O. for Patents, P.O. Box 1450,	

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

OMB 0651-0033

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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 76 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 76 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No. Applicant(s)				
Examiner-Initiated Interview Summary	10/533,679	CORDEMANS DE MEULENAER ET AL.			
•	Examiner	Art Unit			
	/Peter A. Hruskoci/	1797			
All Participants:	Status of Application:				
(1) /Peter A. Hruskoci/.	(3)				
(2) <u>Thomas R. Arno</u> .	(4)				
Date of Interview: 23 July 2009	Time:				
Type of Interview: ☐ Telephonic ☐ Video Conference ☐ Personal (Copy given to: ☐ Applicant ☐ Applic Exhibit Shown or Demonstrated: ☐ Yes ☐ No If Yes, provide a brief description:	cant's representative)				
Part I.					
Rejection(s) discussed: None					
Claims discussed: 28					
Prior art documents discussed: None					
Part II.					
SUBSTANCE OF INTERVIEW DESCRIBING THE GENI It was agreed to amend claim 28, and the instant specification a					
Part III.					
 It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability. It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above. 					
/Peter A. Hruskoci/ Primary Examiner, Art Unit 1797	(Applicant/Applicant's Representat	tive Signature – if appropriate)			